

# Mali - Enquête Harmonisée sur les Conditions de Vie des Ménages 2018-2019

**National Institute of Statistics (Institut National de la Statistique (INSTAT))**

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## Identification

### SURVEY ID NUMBER

MLI\_2018-2019\_EHCVM\_v01\_EN\_M\_v01\_A\_ESS

### TITLE

Enquête Harmonisée sur les Conditions de Vie des Ménages 2018-2019

### TRANSLATED TITLE

Harmonized Survey on Households Living Standardsi 2018-2019

### COUNTRY

Name	Country code
Mali	MLI

### STUDY TYPE

Living Standards Measurement Study [hh/lsm]s

### SERIES INFORMATION

The Mali EHCVM 2018/19 is the first edition of a nationally representative household survey conducted within the West Africa Economic Monetary Union (WAEMU) Household Survey harmonization Project (P153702) a joint program by the World Bank and the WAEMU Commission that aims at producing household survey data in member countries (Benin, Burkina Faso, Chad, Côte d'Ivoire, Guinea-Bissau, Mali, Niger, Senegal and Togo). The survey covers all regions and includes approximately 6,600 households.

### ABSTRACT

The Mali EHCVM 2018/19 is implemented by the National Institute of Statistics (INSTAT) with support from the World Bank and the WAEMU Commission. The objective of the program is to strengthen the capacity of its member countries (Benin, Burkina Faso, Côte d'Ivoire, Guinea-Bissau, Mali, Niger, Senegal, and Togo) to conduct living conditions surveys that meet harmonized, regional standards and to make the collected micro-data publicly accessible. The EHCVM is a nationally representative survey of 6,600 households, which are also representative of the geopolitical zones (at both the urban and rural level).

The survey uses two main survey instruments: a household/individual questionnaire, and a community-level questionnaire. The surveys took place in two waves with each wave covering half of the sample. The first wave was fielded between October 2018 and December 2018, while the second wave occurred between April 2019 and July 2019. The two-wave approach was chosen to account for seasonality of consumption.

### KIND OF DATA

Sample survey data [ssd]

### UNIT OF ANALYSIS

- Household
- Individual
- Community

## Version

### VERSION DESCRIPTION

Version 02: Edited and anonymous data for public distribution.

### VERSION NOTES

Version 01: Additional data includes:

- ehcv\_m\_ponderations\_MLI2018
- ehcv\_m\_individu\_MLI2018
- ehcv\_m\_menage\_MLI2018
- ehcv\_m\_welfare\_MLI2018

Version 02: One dataset has been added:

- grappe\_gps\_mli2018

## Scope

### NOTES

The EHCVM 2018-2019 covered the following topics:

#### HOUSEHOLD

- Household identification including geographic area identification information
- Household roster
- Education (all individuals 3 years old and older)
- Health (past 30 days / three months recall / twelve months recall)
- Employment
- Non-employment income
- Saving and credits
- Food consumption (past 7 days / 30 days recall)
- Food security
- Nonfood consumption (past 7 days / 30 days / 3 months recall / 6 months recall)
- Nonagricultural enterprises
- Housing
- Household's assets
- Transfers
- Shocks and survival strategies
- Safety nets
- Agriculture
- Livestock
- Fishing
- Agricultural equipment
- Relative poverty

#### COMMUNITY

- Community identification
- Respondent characteristics
- Community existence and accessibility of social services
- Community agriculture
- Community participation
- Community food prices

## Coverage

### GEOGRAPHIC COVERAGE

National coverage

### UNIVERSE

The survey covered all de jure households excluding prisons, hospitals, military barracks, and school dormitories.

## Producers and sponsors

### PRIMARY INVESTIGATORS

Name	Affiliation
National Institute of Statistics (Institut National de la Statistique (INSTAT))	Government of Mali (Gouvernement du Mali)

### PRODUCERS

Name	Role
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WAEMU Commission	Collaborated in design, implementation and analysis
World Bank Group	Collaborated in design, implementation and analysis

## FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
World Bank Group	WBG	Funded the study

## Sampling

### SAMPLING PROCEDURE

The Mali EHCVM 2018/19 utilized the sixth edition of the 2017/18 modular and permanent household survey (EMOP) as the sampling frame. This frame comes from the 2009 Census of Population and Housing (RGPH) and contains 1153 enumeration areas, is nationally representative, and covers all ten regions and the Bamako district. The survey collected data in rural and urban areas in all regions in each of the two waves, except Kidal, Bamako, Toaudénit, and Menaka. More specifically, during the first wave, the survey did not collect data in rural Kidal. Moreover, due to Bamako's purely urban nature, no rural area data are available for this district. Likewise, concerning Taoudenit and Menaka, the survey did not collect data for those regions during the first wave. In addition, there is no urban data for Taoudenit in wave 2.

In the Republic of Mali, the survey design team implemented a 2-stage stratified sampling methodology - without replacement. At the first stage, 500 enumeration areas (EAs) were selected with Probability Proportional to Size (PPS) using the number of households as a measure of size. In the second stage, 12 households were selected in each enumeration area randomly. Furthermore, 51 additional EAs were selected from the sampling frame during the second wave to cover Menaka and Taoudenit as the wave 1 EAs did not contain those two regions.

The total estimated survey sample size was 6603 households - 2752 from urban areas and 3851 from rural areas. After that, the survey design randomly divided each enumeration area into two equal groups. The survey team interrogated the first group in wave one and the other in wave 2. Finally, due to the household and EA replacement strategy put in place, the final sample size was very close to the expectations, with 2752 and 3850 households surveyed respectively in urban and rural areas. For the replacement of households, households within the EA replaced vacant/refusing households. These replacement households were assigned to agents by the field team leaders and came from the list of replacement households in the enumeration file. In practice, in each EA, 18 households were selected, including 12 households to be surveyed and six replacement households. Concerning the replacement of EAs, during the first wave, seven (07) EAs could not be surveyed due to insecurity (2 in Timbuktu and 5 in Mopti). These seven EAs were replaced by the EMOP EAs and surveyed in wave 2. The survey team made those replacements considering the area of residence of the EA. In terms of detailed actual surveys, the survey teams interviewed 1338 households in urban areas and 1570 households in rural areas during wave one. In wave two, the teams interviewed 1414 households in urban areas and 2280 households in rural areas.

## Data Collection

### DATES OF DATA COLLECTION

Start	End	Cycle
2018-10	2018-12	First visit
2019-04	2019-07	Second visit

### DATA COLLECTION MODE

Computer Assisted Personal Interview [capi]

### DATA COLLECTION NOTES

Interviews were conducted by teams of enumerators. Each team comprised three enumerators and a team lead. There were 551 enumerations areas for 199 enumerators, which means each enumerator covered on average 2.76 EAs.

Overall, six supervisors for each supervision mission were recruited. Two supervision missions were organized for each wave at the beginning and towards the end of the data collection process. The headquarters drafted a note on the supervision objectives and various errors to double check for each supervision wave. For control, the headquarters team, made up of

young statisticians, was responsible for downloading the data sent to the server after each working day and checking consistency. Then, an automatic rejection program written on R allowed the detection of questionnaires to be examined more closely. Flawed questionnaires were therefore rejected with comments to the agents. In addition, team leaders were required to verify the data of their agents before sending it to the server.

#### DATA COLLECTORS

Name	Abbreviation	Affiliation
Institut National de la Statistique	INSTAT	Gouvernement du Mali

## Questionnaires

#### QUESTIONNAIRES

The Mali EHCVM 2018/19 consists of two questionnaires for each of the two visits. The Household Questionnaire was administered to all households in the sample. The Community Questionnaire was administered to the community to collect information on the socio-economic indicators of the enumeration areas where the sample households reside.

**EHCVM 2018/19 Household Questionnaire:** The Households Questionnaire provides information on demographics; education; health; employment (including activity-related information, primary and secondary employments); nonjob revenues; saving and credit (including information for payments due for 15 years old members of the household); food consumption; food security; nonfood consumption; nonagricultural enterprises; housing; household's assets; transfers (received and sent); shocks and survival strategies; safety nets; agriculture (including information on plots, costs of inputs, and crops); livestock; fishing; agricultural equipment; and a module that provides indicators to help users situate the household on the poverty spectrum based on subjective considerations and comparative indicators.

**EHCVM 2018/19 Community Questionnaire:** The Community Questionnaire solicits information on general community's characteristics; community access to infrastructure and to social services; community agricultural activity; community participation; and local retail price information.

## Access policy

#### CONTACTS

Name	Affiliation	Email	URL
National Institute of Statistics (Institut National de la Statistique (INSTAT))	Government of Mali (Gouvernement du Mali)	instatmali2014@yahoo.fr	www.instat-mali.org

#### CONFIDENTIALITY

Before being granted access to the dataset, all users have to formally agree: 1. To make no copies of any files or portions of files to which s/he is granted access except those authorized by the data depositor. 2. Not to use any technique in an attempt to learn the identity of any person, establishment, or sampling unit not identified on public use data files. 3. To hold in strictest confidence the identification of any establishment or individual that may be inadvertently revealed in any documents or discussion, or analysis. Such inadvertent identification revealed in her/his analysis will be immediately brought to the attention of the data depositor.

#### ACCESS CONDITIONS

Public use files, accessible to all

#### CITATION REQUIREMENTS

Use of the dataset must be acknowledged using a citation which would include:

- the Identification of the Primary Investigator
- the title of the survey (including country, acronym and year of implementation)
- the survey reference number
- the source and date of download

WAEMU Commission, Harmonized Survey on Households Living Standards, Mali 2018-2019. Ref. MLI\_2018\_EHCVM\_v02\_M. Dataset downloaded from [www.microdata.worldbank.org](http://www.microdata.worldbank.org) on [date].

## Disclaimer and copyrights

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### DISCLAIMER

The user of the data acknowledges that the original collector of the data, the authorized distributor of the data, and the relevant funding agency bear no responsibility for use of the data or for interpretations or inferences based upon such uses.

## Metadata production

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### DDI DOCUMENT ID

DDI\_MLI\_2018-2019\_EHCVM\_v01\_EN\_M\_v01\_A\_ESS\_FAO

### PRODUCERS

Name	Abbreviation	Affiliation	Role
Development Economics Data Group	DECDG	The World Bank	Metadata producer
Statistics Division		Food and Agriculture Organization	Metadata adapted for FAM

### DDI DOCUMENT VERSION

MLI\_2018-2019\_EHCVM\_v01\_EN\_M\_v01\_A\_ESS\_v01

## Data Dictionary

Data file	Cases	Variables
<b>s00_me_mli2018</b> Section 0: Control information - Household's identification (region, department, area, village, enumeration area, etc.), household's contact information, other survey-related control information (controller, supervision agent, interview dates and characteristics)	0	18
<b>s01_me_mli2018</b> Section 1: Household sociodemographic characteristics - Gender, relationship to household's head, date of birth, age, marital status, residency status of individual and his/her parents, religion, citizenship, ethnic group, access to ICT technologies.	0	56
<b>s02_me_mli2018</b> Section 2: Education - Ability to read and write, attendance to formal school, reason for non-attendance, type of education received, year of last school attendance, type of schools attended, academic achievements, financial support received for school, individual and systemic challenges encountered	0	50
<b>s03_me_mli2018</b> Section 3: General Health - Health problems in last 30 days, principal type of health problem encountered in this period, challenges encountered in relation with health system/facilities, accessibility of health services, amount spent in traditional medicine or to see general doctor, specialists, and dentists. Health expenditures to buy medicine.	0	63
<b>s04_me_mli2018</b> Section 4: Employment - Part A: Activity-related situation Household member's use of time, type of activities S/he carried out over the seven days before the survey, job hunting processes implemented 30 days before the visit - Part B: Primary employment Data about household member's main employment during the 12 months preceding the visit (type of activity, time worked, socioprofessional category, salary, bonuses, other financial treatments) - Part C: Secondary employment Data about second employment during the 12 months preceding the visit (type of activity, time worked, socioprofessional category, salary, bonuses, other financial treatments)	0	91
<b>s05_me_mli2018</b> Section 5: Nonjob revenues - Revenues from sources such as retreat pension, rents, pensions for widows and orphans, invalidity pension, food pension, real estate and financial revenues, other revenues such as lottery, inheritance, sale of goods, etc.	0	19
<b>s06_me_mli2018</b> Section 6: Saving and credit - Data on access to financial institutions and prepaid services, savings made, loans or credit received, payments made, and payments due for household members aged 15 and more	0	32
<b>s07a1_me_mli2018</b> Section 7: Part A1: Food consumed outside the household - Data and financial value of meals eaten together by two or more household members (outside the household seven days before the visit): breakfasts, lunches, dinner, snacks, hot drinks, non alcohol drinks, alcoholic drinks.	0	25
<b>s07a2_me_mli2018</b> Section 7: Part A2: Food consumed outside the household - Data and financial value of meals eaten by the household members (outside the household seven days before the visit): breakfasts, lunches, dinner, snacks, hot drinks, non alcohol drinks, alcoholic drinks.	0	25
<b>s07b_me_mli2018</b> Section 7: Part B: Food consumed within household - For the seven days before the survey, and for a list of (i) cereals and breads, (ii) meat, (iii) fish and sea food, (iv) milk, cheese and eggs, (v) oils and fats, (vi) fruits, (vii) legumes, (viii) tubes, (ix) sugar, honey, chocolate and candies, (x) spices and others, and (xi) drinks: the section provides details on quantities consumed and supply sources. Data is available for two periods: seven days before the survey and thirty days before the survey.	0	16
<b>s08a_me_mli2018</b> Section 8A: Food security: Extent of food insecurity experiencing - For the twelve months before the survey, data on food insecurity challenges from various nature due to lack of resources: concern about not eating enough, not enough varied food, skipping meals, eating less than deemed necessary, completely being short on food supplies, hunger, days without eating.	0	14

<b>s08b1_me_mli2018</b> Section 8B1: Food security: Additional data on food consumption during the seven days prior to the survey - Number of days - out of the 7 before the survey - that the household ate (i) cereals and cereal products, (ii) tubers, (iii) grains, (iv) legumes, (v) fish, sea food and meat, (vi) fruits, (vii) oils and fats, (viii) tubers, (ix) sugar, (x) spices.	0	15
<b>s08b2_me_mli2018</b> Section 8B2: Food security: Extent of food insecurity experiencing - For food groups (i) cereals and cereal products, (ii) tubers, (iii) grains, (iv) legumes, (v) fish, sea food and meat, (vi) fruits, (vii) oils and fats, (viii) tubers, (ix) sugar, (x) spices: Information on people outside the household that benefited from at least one meal from the household: beneficiary's age group, number of days non-member benefited from household's meal in food group, number of meals shared.	0	6
<b>s09a_me_mli2018</b> Section 9: Nonfood consumption Part A: parties and celebrations last 12 months - This section helps assess nonfood consumption habits. It mainly provides data on expenses supported during celebrations. Expense items include clothing, hairstyles, and jewelry, renting party halls, and other logistics-related expenditures.	0	11
<b>s09b_me_mli2018</b> Section 9: Nonfood consumption Part B: Nonfood consumption - 7 last days - This part provides information on expenses made on cigarettes, petroleum, firewood, and other handmade lighting/cooking items, fuel, transportation, and newspapers, etc.	0	6
<b>s09c_me_mli2018</b> Section 9: Nonfood consumption Part C: Nonfood consumption, 30 last days - This part provides information on expenses made on alcoholic drinks, gas, household functioning expenses, car-related expenses, and communication, etc.	0	6
<b>s09d_me_mli2018</b> Section 9: Nonfood consumption Part D: Nonfood consumption, 3 last months - This part provides information on expenses made on items such as shoe maintenance, electric lighting, oils, inter-state transportation, postal arrangements, gardening, entertainment, and pet care.	0	6
<b>s09e_me_mli2018</b> Section 9: Nonfood consumption Part E: Nonfood consumption, 6 last months - This part provides information on expenses made on clothes, shoes, and jewelry purchased for celebrations and not considered in the other elements above.	0	6
<b>s09f_me_mli2018</b> Section 9: Nonfood consumption Part F: Nonfood consumption, 12 last months - Just as in the previous part, this one also provides information on expenses made on items such as clothes, shoes, and jewelry purchased for celebrations and not considered in the other elements above. The section also contains data on utility bills, various house items, cars, motorcycles, and various maintenance expenses.	0	6
<b>s10_1_me_mli2018</b> Section 10: Non-agricultural enterprises Part A: Existence of nonagricultural enterprises - Household's ownership status for nonagricultural firms such as (i) selling donuts, grilled meat, juice, beer, bread or cake, (ii) producing and selling clothes and shoes, (iii) construction or carpentry businesses, (iv) trade firm, (v) service firm in liberal professions, (vi) other service providing firms, (vii) restaurants and hotels/inns, (viii) companies renting chairs, tables, tents and logistics for sound systems, (ix) other non-agricultural firms.	0	14
<b>s10_2_me_mli2018</b> Section 10: Non-agricultural enterprises Part B: Characteristics of the nonagricultural enterprises - It collects detailed information about the nonagricultural firms owned by the household. The details concern the primary owner, the branch of activity, the company's age, financial health, the employment of non-household members, the company's headquarters, commodities, functioning, and formalization questions.	0	129
<b>s11_me_mli2018</b> Section 11: Housing - Type of dwelling; number of rooms; house equipment; status of occupation (owner, co-owner, renter, hosted by employer, hosted for free (relatives, friends, etc.)); rent amount and arrangements; water bill, reliability and arrangements; electricity bill, reliability and arrangements; phone and internet bills; type of material used for the roof, the floor, walls; waste and sanitation management.	0	106

<b>s12_me_mli2018</b> Section 12: Household's assets - [Asset type] ownership, number of [asset type] owned, members owning [asset type], [asset type] purchased used or new? Duration of [asset type]'s ownership by household, [asset type]'s value and nature.	0	15
<b>s13a_1_me_mli2018</b> Section 13A1: Transfers received - Household received transfer from relatives? Household received transfer from non relatives?	0	7
<b>s13a_2_me_mli2018</b> Section 13A2: Transfers received - Identity of person who sent the transfer (including gender, age, education level, professional status), sender lived in household before? Number of years sender lived in household, sender's place of residence, reason for transfer, transfer mode, transfer amount, transfer frequency	0	18
<b>s13b_1_me_mli2018</b> Section 13B1: Transfers sent - Household sent transfer to relatives? Household send transfer to non relatives?	0	7
<b>s13b_2_me_mli2018</b> Section 13B2: Transfers sent - Identity of person who received the transfer (including gender, age, education level, professional status), beneficiary lived in household before? Number of years beneficiary lived in household, beneficiary's place of residence, reason for transfer, transfer mode, transfer amount, transfer frequency	0	18
<b>s14_me_mli2018</b> Section 14: Shocks and survival strategies - List of shocks on household in relation with revenues and health, in addition to tragic events, natural disasters, and agricultural activities, among other thing; consequences of the shocks and strategies used to curve those impacts.	0	39
<b>s15_me_mli2018</b> Section 15: Safety nets - Access to social security programs ( food distribution, cash for work, cash transfers, free healthcare to children and pregnant women, impregnated bed nets; nature and frequency of the support received as well as the exact beneficiary/beneficiaries within the household, if applicable; date of last support over the last 12 months	0	16
<b>s16a_me_mli2018</b> Section 16: Agriculture Part A: Plots - Characteristics of agricultural exploitation and on access to land (the collection unit is the land), land tenure, soil type, use of fertilizers, and labor used at preparation, sowing, and harvesting stages.	0	240
<b>s16b_me_mli2018</b> Section 16: Agriculture Part B: Costs of inputs - Inputs used by the household, key characteristics such as the types of input used, the quantity used, the supply source, quantity per source, costs of those inputs purchased.	0	19
<b>s16c_me_mli2018</b> Section 16: Agriculture Part C: Crops - Identification of plot, identification of crops on plot, cultivation system used (pure, association), share of plot used by crop, type of seeds, status of harvest, use of harvested products (eaten, sold, given for free), person controlling revenue from sales, main place of sale, method of stocking, quantity stocked, reason for stocking, reason for not selling at least part of production, expected selling price, two main difficulties encountered while trying to sell production.	0	53
<b>s17_me_mli2018</b> Section 17: Livestock - For a given household and type of animal, the section provides information on the number of animals owned, revenues from sales, and veterinary expenses. The section also includes information on the production and sale of derived products such as milk.	0	102
<b>s18_1_me_mli2018</b> Section 18: Fishing - Part A: Member fishing for himself? Main fishers in household, place of fishing, fishing nature/equipment, months of high season, months of low season, months of no fishing, fishing authorizations, use and cost of hired fishing labor force, amount spent in ice.	0	56
<b>s18_2_me_mli2018</b> Section 18: Fishing - Part B: Amount spent in fishing authorizations	0	5

**s18\_3\_me\_mli2018**

Section 18: Fishing - Part C: List of types of fish most frequently caught during high season; for those main types of fish, average number caught; in this average number and for each type of fish, number of fishes eaten, given for payment, used as transformation inputs, sold in a month; main place of sale of main types of fishes caught during high season, main clients, average sale revenue per month.

0 18

**s18\_4\_me\_mli2018**

Section 18: Fishing - Part D: List of types of fish most frequently caught during low season; for those main types of fish, average number caught; in this average number and for each type of fish, number of fishes eaten, given for payment, used as transformation inputs, sold in a month; main place of sale of main types of fishes caught during low season, main clients, average sale revenue per month.

0 18

**s19\_me\_mli2018**

Section 19: Agricultural equipment - List of agricultural equipment; for each item of the list, number owned by household; for each item of the list, age and price of the most recently acquired; for each item of the list, amount received if rented out by household; for each item of the list, amount paid if household rents it from cooperatives or other household.

0 15

**s20\_me\_mli2018**

Section 20: Relative poverty - This section provides indicators to help users situate the household on the poverty spectrum based on subjective considerations and comparative indicators.

0 28

**s00a\_co\_mli2018**

Section 0: Respondents - Part A: List of people that provided information collected during community survey.

0 2

**s00b\_co\_mli2018**

Section 0: Respondents - Part B: For people that provided information collected during community survey: gender, age, function in the community, number of years lived in the household, highest education level.

0 15

**s01\_co\_mli2018**

Section 1: General community's characteristics - Number of people living in community, two main languages spoken in community, two main activities practiced in community, community's topography, distance to closest city, accessibility of and mean of transportation to community, access to electricity, water, mobile phone network, existence of leadership structures or associations.

0 60

**s02\_co\_mli2018**

Section 2: Existence and accessibility of social services - For each infrastructure, from list of social infrastructures existing in the community: accessibility information such as transportation means to access the infrastructure, the time required between the community and infrastructure, and problems encountered while trying to benefit from the social service.

0 45

**s03\_co\_mli2018**

Section 3: Agriculture - Community's agricultural activity: Variety of crops cultivated, the existence and functions of farming cooperatives, access to equipment, access to improved seeds, access to organic fertilizers, access to chemical fertilizers, access to pesticides, and access to agriculture vulgarization agents.

0 77

**s04\_co\_mli2018**

Section 4: Community participation - It collects data on the community's participation and sense of ownership when it comes to the construction and maintenance of shared infrastructures such as roads, bridges, schools, health centers, boreholes/wells, and markets.

0 55

**s05\_co\_mli2018**

Section 5: Recording consumption prices - This section provides three price records for consumer goods such as rice and other cereals, meat, fish, milk, eggs, butter, oil, legumes, sugar, and salt.

0 7

**ehcvm\_individu\_mli2018**

Individual characteristics

0 52

**ehcvm\_menage\_mli2018**

Household aggregates

0 34

**ehcvm\_ponderations\_mli2018**

Sample weights

0 2

<b>ehcvm_conso_mli2018</b> Consumption aggregates	0	11
<b>ehcvm_welfare_mli2018</b> Welfare aggregates	0	34
<b>grappe_gps_mli2018</b> Anonymized GPS coordinates	0	7